Codersarts Ai

All About LangChain

About This Course

This course aims to introduce you to LangChain by giving you hands- on experience on various aspects of LangChain, such as VectorStore, Agents, Chains etc…

Learning Outcome

- Get to know LangChain
- Different Tools, Modules available in LangChain
- Build Apps using LangChain

Prerequisite

1. You need have some experience with Python coding
2. You need to have some experience with Machine Learning with Python
3. Have some experience with Pytorch
4. Have an Account on Hugging Face, Also Have Google Colab Pro account for Training LLM models for access to High End GPU or a Local Machine with at least 16 - 40 GB VRAM for GPU

Course Syllabus

Day 1	Content	Projects
Day 1 (3 Hours)	➔ LangChain ◆ Chains ◆ VectorStore ➔ Hugging Face Models ➔ OpenAI API Models	● Build a Simple Chatbot using LangChain for Customer service
Day 2 (3 Hours)	➔ LangChain	● Build an Data Analyst App using Streamlit

	◆ Agents ◆ Tools ➔ Streamlit	● Build an Wikipedia Q & A App using Streamlit